

脳の構造と機能

脳の構造

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Molecular Clock 脳の構造と機能
脳の構造と機能
Behaviorism 脳の構造と機能
tradeoff 脳の構造と機能
“” Demis Hassabis 脳の構造と機能 potentially a meta-solution to any problem Deepmind 脳の構造と機能 Reward is Enough 脳の構造と機能
“” causation 脳の構造と機能 Demis

Hassabis 任何問題

Demis Hassabis 任何問題

任何問題

任何問題 SAE level 4

任何問題 Waymo SAE level 4
任何問題 SAE level 5

任何問題 SAE level 4

任何問題

AI: A Modern Approach

任何問題 AlphaGo Zero

Leukotomy Leukotomy
任何問題 Leukotomy selfish gene

任何問題 logical positivism logical empiricism

任何問題

Universal Approximation Theorem Nash Embedding Theorems
任何問題 word-embedding Vector Space

Deepmind AlphaGo Zero

reward Deepmind Reward is
Enough

A Treatise on Probability

因果關係 causation

1 □□□□□□□□□□□□□□

2□□□□□□□□□□

3□□□□□□□□□□

因果關係 causation 因果關係是研究事件之間的因果關係的一門學科。

Demis Hassabis

完全有序集
Totally Ordered Set

A horizontal row of 20 empty rectangular boxes, each with a thin black border, intended for children to draw or write in.

A horizontal row of 24 empty square boxes, each with a thin black border, intended for handwritten names.

Hawthorne effect چیست؟

A horizontal row of 20 empty rectangular boxes, intended for students to write their answers in a grid format.

A horizontal row of 20 empty square boxes, each with a black border, intended for children to write their names in.

A horizontal row of fifteen empty square boxes, intended for children to write their names in, likely as part of a classroom activity.

context

“……”“…………”“………………”“…………………”“…………………

Царь Царь Caesar Царь Царь

Царь Император

Demis Hassabis potentially a meta-solution to any problem

leukotomy

NIH leukotomy

leukotomy

NIH

Historia

Naturalis Philosophiae Naturalis scientia naturalis

First, if scientists have tried, and failed, to come up with an alternative theory that explains a phenomenon well, that counts as evidence in favor of the original theory. Second, if a theory keeps seeming like a better idea the more you study it, that's another plus-one. And if a line of thought produced a theory that evidence later supported, chances are it will again.

Historia
Naturalis Philosophiae Naturalis scientia naturalis

Historia

Historia

Historia

Historia

Many-worlds interpretation

Are there really many worlds in the "Many-worlds interpretation" of Quantum Mechanics? the development of «decoherence theory» revealed that, using the standard formalism of quantum mechanics, macroscopically distinct branches of the wavefunction were almost entirely free from interference and evolve approximately classically almost

The Many-worlds Interpretation

"Many-worlds interpretation"

1975 Robert McNamara 1976 Steve Jobs Apple

Deep Learning reinforcement learning Brain in a vat

Demis Hassabis potentially a meta-solution to any problem "metaphysics from human does not work"

superstition

5G/6G Starlink

commodity

commodity

commodity

commodity

commodity

commodity

commodity

commodity

commodity commodity

commodity

commodity

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commodity

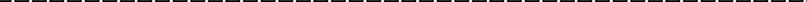
Robert McNamara Whiz Kids McNamara McNamara
Henry Kissinger McNamara McNamara McNamara
Kissinger Aspen Institute Henry

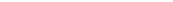
· 1990-1991 · 1991-1992 · 1992-1993 · 1993-1994 · 1994-1995 · 1995-1996 · 1996-1997 · 1997-1998 · 1998-1999 · 1999-2000 · 2000-2001 · 2001-2002 · 2002-2003 · 2003-2004 · 2004-2005 · 2005-2006 · 2006-2007 · 2007-2008 · 2008-2009 · 2009-2010 · 2010-2011 · 2011-2012 · 2012-2013 · 2013-2014 · 2014-2015 · 2015-2016 · 2016-2017 · 2017-2018 · 2018-2019 · 2019-2020 · 2020-2021 · 2021-2022 · 2022-2023 · 2023-2024

1945 1967

□ AlphaGo Zero მოგვიანებული superhuman მოგვიანებული მოგვიანებული

Deep Learning Is Hitting a Wall <https://nautil.us/deep-learning-is-hitting-a-wall-14467/>

not scaling toxicity 



A horizontal row of 20 empty rectangular boxes, intended for students to write their answers in a handwriting practice exercise.

A decorative horizontal bar consisting of a series of small, evenly spaced rectangles.

1. ဗိုလ်ချုပ်နည်းသိပ္ပါတေသနမှူးအောင် UTStarcom နည်းသိပ္ပါတေသနမှူးအောင်
2. ဗိုလ်ချုပ်နည်းသိပ္ပါတေသနမှူးအောင်
3. ဗိုလ်ချုပ် WebEx-Zoom နည်းသိပ္ပါတေသနမှူးအောင်
4. ဗိုလ်ချုပ်နည်းသိပ္ပါတေသနမှူးအောင် Aldebaran Robotics ။ ARM နည်းသိပ္ပါတေသနမှူးအောင်

NVIDIA、ARM、Alphabet、Pepper、

common sense

philosophiae naturalis

scientia naturalis

philosophiae naturalis

common sense

philosophiae naturalis

common sense common sense Historia Naturalis

philosophiae naturalis Philosophiae Naturalis

Philosophiae Naturalis Philosophiae Naturalis scientia naturalis

common sense

philosophiae naturalis

Marvin Minsky 《The Emotion Machine: Commonsense Thinking, Artificial Intelligence, and the Future of the Human Mind》 emotion machine Turing Test

Minsky 《AI: A Modern Approach》 SAE level 4

Pepper 《AI: A Modern Approach》

consciousness killing

Nash equilibrium

Nature AlphaGo Zero Deepmind/Alphaneat
retire AlphaGo Zero AlphaGo Zero Nature
AlphaGo Zero game game theory

logical positivism logical empiricism
deep learning reinforcement learning
Constructivism

Waymo
Waymo
Waymo
Waymo

Waymo
MIT presentation Taming the Long Tail of Autonomous Driving
Challenges Waymo

Waymo
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AI: A Modern Approach
Wind tunnel approach

Waymo
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(Waymo)